



MERCURY



MERCURY



FourStrokes • OptiMax • TwoStrokes

www.marinepower.com

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Mercury Has The Power To Move You



Mercury power – the amazing power of today's leading-edge marine technology.

It's the power to move you, something you get more of with every Mercury. So relax and enjoy your boating as never before, as you choose from Mercury's extensive ranges of outboard engines, from 2.5HP right through to 250HP.

Choose from the latest Mercury four-stroke performers, including a series of electronic fuel injection models. These are smooth, ultra-quiet, clean outboards with remarkable fuel economy.

Or go for the incredible all-around performance of a direct-injection OptiMax, available with SmartCraft™ (see pages 34 and 35), the world's most advanced marine control system. New for 2004 is a family of three-cylinder OptiMax engines, supplementing the hugely successful V6 range.

There is even more choice. Mercury's light, sophisticated two-strokes offer consistent performance in really big measures, from compact portables to the mighty EFIs.



Choose Your Mercury

To help you navigate through the extensive Mercury product ranges, they are colour-coded green for four-strokes, blue for OptiMax and red for two-strokes.

Welcome to the world of Mercury.

FourStroke

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TwoStroke

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Mercury Quality

Superior power and all-around boating performance

Mercury Reliability

Outboards to take you further faster and last longer

Mercury Technology

SmartCraft and many more leading-edge advances

Mercury Choice

Four-strokes, OptiMax and two-strokes ranges

Mercury Protection

Exclusive three-year corrosion failure warranty

Mercury Leadership

MERCURY

FourStroke

For generations, Mercury has been going to extremes to make sure that its four-stroke technology is the very best for boating.

Mercury four-stroke outboards, from 4HP right through to 225HP, have it all. Remarkable fuel efficiency. Quiet cruising. Smooth power. Clean running. Great trolling. Renowned reliability. No mixing of oil and petrol. So enjoy those extra Mercury pleasures – extra value, extra dependability and extra convenience – which add up to the best in four-stroke technology.

Mercury has taken all the advantages you might expect from a traditional four-stroke – such as fuel efficiency and quietness – and combined them into outboard engines packed with further benefits. The mid-range EFIs for instance, with all their power, performance and strength, are SmartCraft enabled. Read about SmartCraft total vessel intelligence on pages 34 and 35.

Mercury is the world's largest manufacturer of four-stroke marine power. Mercury leadership provides the difference you can feel in your boating, every time.

Boating Power

225 SaltWater EFI	40
115 EFI	30 EFI
115 SaltWater EFI	25
90	15
75	15 BigFoot
60 EFI	9.9
60 EFI BigFoot	6
50 EFI	5
50 EFI BigFoot	4
40 EFI BigFoot	4 SailPower
40 EFI	





Mercury FourStroke



Every four-stroke engine in the Mercury line shares the same unparalleled fuel economy and clean, smooth, reliable operation.



Mercury has taken technology even further with Tuned Flexible Injection, which reduces the number of moving parts and makes the EFIs smaller, lighter and more versatile.



EFI Technology

Mercury pioneered and patented electronic fuel-injection technology and has since combined it with the clean, quiet power of the four-strokes.



Goes Further

Mercury four-strokes take you further on a tank of fuel, giving you more time on the water. Typically, there is nearly 39% better fuel economy than from a comparable two-stroke.



Runs Cleaner

Mercury four-stroke technology already exceeds the EPA's emission standards for year 2006. And Mercury offers the most 3-Star ultra low emission outboards.



Stays Quieter

Mercury's low-noise combustion process, plus special sound-dampening cowls, make these four-strokes among the quietest engines on the water.



SmartCraft

Mercury's 60-50-40-30HP EFIs benefit from SmartCraft, integrating all of your boat's controls and systems into one finely-tuned unit. Read about SmartCraft on pages 34 and 35.



FourStroke

Hour After Satisfying Hour

The 115 EFI is an in-line-four cylinder unit providing reliable performance in abundance. Mercury's four-strokes are consistently the power of choice for leading boat brands around the world. The 16-valve, 1596cc Mercury 90 and 75 four-strokes will provide you with season after season of satisfying boating. And with Mercury, extras come as standard.

Computerised ignition means turnkey starting every time. There's power trim, thermostat and pressure controlled cooling, freshwater flushing, quiet through-prop exhaust, optimised gear ratio for superior performance, high value water pump for better protection and less maintenance, single-point cable entry for watertight installation, plus a three-year corrosion protection warranty.

225 115 90 75**Mercury Technology**

Mercury is the largest manufacturer of four-stroke engines for recreational boating. And Mercury owners are supported by the experience and skills of the largest and strongest service network in the boating business.





FourStroke



Injecting Yet More Power

At Mercury, only the best will do. So you can count on the same clean, virtually smoke-free operation whether you're running at full throttle or trolling around the fish. There's Mercury four-stroke power to match your every boating need. Now, Mercury has taken four-stroke power on to a higher technology plane, with its mid-range series of electronic fuel injection four-strokes, all compatible with Mercury's revolutionary SmartCraft boat control and instrumentation system.

From their superior acceleration and top running speeds to their smooth, trouble-free operation, Mercury EFI four-strokes offer no-nonsense high performance.

The tough 60 EFI and 50 EFI are available in BigFoot versions as well.



**BigFoot 33% Larger**

With a Mercury BigFoot the taller gearcase lets the propeller sit in deeper, less aerated water. The larger prop provides greater thrust and extra manoeuvrability. And the larger gears – 33% larger – provide still more durability.





FourStroke



Built To Take You Further

They're compact, yes, but packed with big performance features – Mercury's EFI 40HP and 30HP four-strokes. These Mercurys are built to take you further on a tank of fuel. Built to increase your enjoyment on the water. Quiet power just when you need it – and gentle on the environment as well.

Mercury four-stroke technology inherently provides whisper-quiet performance. Full cowls, an air intake silencer and through-prop exhaust contribute to the low-noise benefits. They're also great engines for fishing, with outstanding trolling capability. The overhead cam design allows for idling speeds as low as 750 rpm.



40 30

Mercury's four-stroke and OptiMax technologies already exceed the EPA's emissions standards for the year 2006. Mercury provides more three-star ultra-low emissions outboard models than any other manufacturer: operating at the leading edge of boating's transition to clean, environmentally friendly power.





FourStroke

Big Performers Miserly On Fuel

Above all, you'll benefit from the outstanding fuel economy of Mercury's four-strokes. Expect your petrol to take you far further. There's a big-performing Mercury 25HP with economy bonuses. The 15HP Bigfoot has superb holding power. The 9.9HP has almost 40% more torque than its predecessor.

The single-cylinder 6HP, 5HP and 4HP are true lightweights, making them so easy to move on and off any boat's transom. There's a 4HP Sailpower yacht auxiliary, too, with dual-thrust propellers to give you turning power in forward or reverse and automatic exhaust relief ports which allow full reverse power. You'll enjoy so much power from these great little four-strokes.





Electric Motors

Mercury qualities of efficient power and performance are shared by MotorGuide, designers and manufacturers of innovative electric trolling motors. This MotorGuide trolling technology is now available from Mercury sales and service dealers.



Go For The Max

MERCURY

OptiMax

Mercury has totally re-engineered the outboards industry with the revolutionary performance of direct injection OptiMax.

If you seek really big power, yet want still bigger fuel economy, all mixed with eco-friendliness, the solution is Mercury OptiMax.

With your ultra-quiet OptiMax you will experience breathtaking acceleration and superior top speed. You'll marvel at the smoke-free and ultra-quiet running characteristics.

Then, you'll take advantage of huge savings in fuel, an average 45% and as much as 80% at idle. All with over 80% lower emissions than traditional two-stroke outboards.

OptiMax is built to integrate seamlessly with SmartCraft (pages 34 and 35), bringing total vessel intelligence to the boating experience. This is the most complete boat information system ever created, giving you the safety, support and confidence to maximize your enjoyment on the water.



Boating Power

250	225	200	175	150	135	115	90	75
								NEW





Mercury OptiMax



The Mercury OptiMax 250XS is the most powerful, fastest low-emissions outboard in the world.



Unlike other direct injection systems, OptiMax uses an exclusive two-stage process. A burst of air at 80psi shoots through the fuel, breaking it into a fine mist. This mist creates more surface area for combustion and stays in the cylinder longer, resulting in a more consistent and complete burn.



Further

Mercury OptiMax increases your boating range per fill-up dramatically, with an average 45% saving in fuel and as much as 80% at idle.



Faster

Mercury OptiMax goes faster, producing better hole shot and higher top speed. It's the power you can count on for top boating performance.



Cleaner

Mercury OptiMax, throughout the range, already exceeds the EPA's emission standards for the year 2006. There is instant turn-key starting and smokeless operation.



Smarter

Mercury OptiMax is smarter, thanks to SmartCraft. Read about SmartCraft, boating's total power and control system, on pages 34 and 35.



Longer

Mercury OptiMax is complete with a 3-year factory warranty, showing the manufacturer's confidence in the durability and reliability of this award-winning engine.



OptiMax



The Heart & Soul Of Power

Although the OptiMax system is revolutionary it is built around proven Mercury technology. The major difference is two-stage fuel injection, directly into each cylinder, with the fuel-air mixture burned up after the exhaust ports have closed completely. There is also an electronic multipoint lubrication system to deliver precise amounts of oil, where and when needed. Results are enormous economies, smoother running qualities, a far longer cruising range and significantly reduced emissions. OptiMax already meets and beats the rigorous EPA year 2006 emissions standards.

The 225HP and 200HP power packages with their slim V6 powerheads and large displacement provide superior acceleration and top speed. These are the most advanced outboards yet, the very heart and soul of power. Mercury has also introduced special high-performance OptiMax versions, the 250XS and 200XS.



250 225 200**Specially Formulated Oil**

This synthetic blend OptiMax 2-Cycle oil has been developed for the greater demands of direct injection outboards. It is designed to keep them running at optimal levels in all conditions.





OptiMax



You'll Never Look Back

Once you board an OptiMax powered craft you'll never look back – unless you want to grin at the boats left in your wake. You'll be marvelling at the smoke-free and incredibly smooth result of a multi-million dollar investment in research and development. And you'll be looking forward to the huge savings in fuel. The OptiMax is the quietest Mercury V6 ever built, yet it gives breathtaking acceleration and tearaway top speed.

Slim powerheads with large displacement provide that speed and acceleration. The sophisticated engine management system compensates automatically for the slightest change in load, wave action or weather conditions. Forty-five per cent better fuel economy than traditional two-stroke outboards; dependable turnkey starting; precision throttling. These are the most advanced outboards yet.





Multipoint Lubrication

Mercury's exclusive electronic lubrication system delivers precise amounts of oil exactly where and when the OptiMax engine needs it. It even delivers additional oil during the important break-in period of a new engine.





OptiMax



Getting There First

The latest additions to the Mercury OptiMax range, new for 2004, are three 1.5-litre engines which set the standard for low emission midrange power, significantly light in weight and impressively strong on performance. Yet again, this is unmatched outboards leadership from Mercury, getting there first.

SmartCraft-ready, clean and powerful, these extra-value OptiMax direct injection engines are controlled by an exclusive Mercury processor that provides a level of management capability to surpass anything else of its kind in boating. As with the V6 OptiMax models, the fuel delivery system promises up to 45% better fuel economy than comparable two-strokes.

115 90 75



More Protected

Mercury pioneered the use of low-copper aluminium alloy, has developed a sophisticated multi-step painting process and utilises stainless steel wherever appropriate, for best-possible corrosion protection.



Taking Fun To Extremes

MERCURY

TwoStroke

Mercury's legendary two-strokes are designed to run faster than anything comparable afloat.

Electronic fuel injection and carbureted Mercury two-strokes have built-in reliability and outstanding performance. Excellent power-to-weight ratios throughout the classic Mercury range provide added performance benefits. Lighter weight allows for easier portability.

Push the Mercury throttle forward and you're driving the definitive outboard. For cruising, fishing, skiing, Mercury gives you a lot more engine so you can have much more fun. It's the power to do everything well.

Mercury EFIs are virtually maintenance-free throughout and carburetor models are the most sophisticated in their class. Mercury two-strokes run all the way from 250HP through to 2.5HP. This is the power and performance you need to go just about anywhere.

Boating Power

250 SaltWater EFI	40 2 cyl.
225 EFI	30 644 cc
225 SaltWater EFI	30 429 cc
200 SaltWater EFI	25
200 SaltWater	20
150 SaltWater EFI	15
150 SaltWater	10
125	8
115	6
90	5
75	4
60	4 SailPower
60 BigFoot	3.3
50	2.5
40 3 cyl.	





Mercury TwoStrokes

More Power

Mercury two-strokes are typified by engines offering the highest displacement in their horsepower classifications.

More Performance

Mercury two-strokes offer outstanding power-to-weight ratios, resulting in performance benefits at all speeds.

More Choice

Mercury two-strokes run all the way from the mega-power of the V6 EFIs, through the widest choice of mid-range performers, to compact portables, including outboards designed specially for sailboats.

More Support

Mercury two-strokes are backed by a huge international sales and service dealer network, so wherever you go, you and your engine should be in safe hands.

More Durable

Mercury two-strokes, with longevity built in, feature unparalleled corrosion resistance, above and below the waterline. All backed by the industry's only 3-year corrosion failure warranty.



Today, carbureted Mercury two-strokes offer the same tough, dependable performance that's made them the trusted choice for generations.

EFI

Smooth, consistent operation under all weather conditions and altitudes: that's the EFI advantage. Quick and reliable turnkey starting. Impressive throttle response. Precision, onboard computer diagnostics. Loop-charged induction. High-power alternator and battery charging system.





TwoStroke

Awesome Power On The Water

Performance, speed and quite awesome power. Mercury two-strokes are designed to give you all and take all you can throw at them. This is supreme two-stroke performance, the power to thrill. Mercury V6 EFIs are direct descendants of high-performance racing engines which have dominated powerboat sport from day one, leaving the crowd in their wake.

Carburetor models are sophisticated power packs. Enjoy the easy starting, smooth idling and precise reaction to the throttle. Integral power trim gets you up on the plane fast and loop-charged induction improves fuel economy and power across the entire RPM range. This is peak performance, Mercury style. Performance that's never been bettered.



Watersports & More

Mercury's Quicksilver offers a full line of life vests, skis, wakeboards and just about everything else you might need to get the most out of your time on the water. All are designed to offer you the best performance possible.





TwoStroke



Power Wherever You Need It

Mercury gives you a lot more power per engine. More fun. The 125HP through 30HP Mercury two-strokes are dominated by models with the largest displacement in their horsepower classifications. That means premium power for your cruising, fishing or skiing enjoyment. So go Mercury and experience the true meaning of on-water power.

The range is typified by those Mercurys with a large, regulated alternator to run a host of accessories, the fuel economy advantage of loop-charged induction, self-contained integral power trim for extra convenience, optimised high-capacity water pump and advanced cooling system for all-conditions consistency, plus CDM ignition with separate coils for each plug, maximising reliability.



Working On The Water

Everything about Mercury's special SeaPro outboards is made to work hard and last, even in the harshest of conditions. There's an oil-injected 3-litre model and power choices right through to 15HP, including a 60HP BigFoot. They're tough engines, designed to take on the toughest of jobs.





TwoStroke



Without Compromise

The two-cylinder and single-cylinder Mercury performers from 25HP through to 2.5HP owe all to the perfectionists who engineered them without compromise. Outboards engineered for absolute boating excellence. This is power to do everything well. So when you want to include everyone in the fun, you'll be glad you've got Mercury on your side.

No one packs more features into outboards of this size. There's long-lasting boating enjoyment with added sparkle from the many built-in Mercury features. Lightweight, they're as ready for the sprint as the long haul, ready to provide a wealth of boating good tidings, no matter what their size. Mercury proves that big features are not just for big engines.



One Handed Operation

Not only steering, but the shift, throttle, throttle friction, stop and trim/tilt controls are designed so that you can operate all of them with one hand.



MERCURY FOUR-STROKES

	225-75				60-50		40-30				
Model ⁽¹⁾	225 SALTWATER EFI	115 EFI/ SALTWATER EFI	90	75	60 EFI + EFI BIGFOOT	50 EFI + EFI BIGFOOT	40 EFI BIGFOOT	40 EFI	40	30 EFI	25
Kilowatts ⁽²⁾	167.8 kW	85.7 kW	67.1 kW	55.9 kW	44.7 kW	37.3 kW	29.4 kW	29.4 kW	29.4 kW	22.4 kW	18.6 kW
Max. RPM at Full Throttle	5000-6000	5000-6000	5000-6000	4500-5500	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5250-5750
Cylinders	V6	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	3	3	3	2
Displacement	3352 cc	1741 cc	1596 cc	1596 cc	995 cc	995 cc	995 cc	747 cc	747 cc	747 cc	498 cc
Bore / Stroke	94 mm × 80.5 mm	79 mm × 89 mm	79 mm × 81 mm	79 mm × 81 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm
Cooling System	Water cooled w/ thermostat & pressure controlled	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat
Ignition	Inductive Electronic	CDI w/ electric spark advance	CDI w/ electric spark advance	CDI w/ electric spark advance	ECM 555 Digital Inductive	ECM 555 Digital Inductive	ECM 555 Digital Inductive	ECM 555 Digital Inductive	CDI w/ electric spark advance	ECM 555 Digital Inductive	CDI w/ electric spark advance
Starting	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Manual	Electric (turnkey)	Manual or Electric (turnkey)
Gear Ratio	2.00:1	2.07:1	2.33:1	2.33:1	1.83:1 BIGFOOT: 2.33:1	1.83:1 BIGFOOT: 2.33:1	2.33:1	2.00:1	2.00:1	2.00:1	2.42:1
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Steering	Remote	Remote	Remote	Remote	Tiller or Remote	Tiller or Remote	Tiller or Remote	Tiller or Remote	Tiller	Tiller or Remote	Tiller or Remote
Alternator System ⁽³⁾	45 amp (564 watt)	25 amp (315 watt)	20 amp (252 watt)	20 amp (252 watt)	18 amp (223 watt)	18 amp (223 watt)	18 amp (223 watt)	18 amp (223 watt)	6 amp (76 watt)	18 amp (223 watt)	Manual 6 amp (76 watt) Electric 15 amp (189 watt)
Trim Positions	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Gas assist and Power trim models available	Gas assist	Gas assist and Power trim models available	Manual: gas assist Electric: 5 + shallow water (Power trim optional)
Fuel Tank	Optional	Optional	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Fuel Requirements	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.
Weight ⁽⁴⁾	265 kg	175 kg SALTWATER EFI: 184 kg	175 kg	175 kg	112 kg BIGFOOT: 120 kg	112 kg BIGFOOT: 120 kg	120 kg	98 kg	93 kg	98 kg	80 kg
Recommended Boat Transom Height	XL 635 mm	Long 508 mm SALTWATER EFI: XL 635 mm	Long 508 mm	Long 508 mm	Long 508 mm	Long 508 mm	Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Long 508 mm	Short 381 mm Long 508 mm
Induction System	4-valve dual overhead cam design	4-valve dual overhead cam design	4-valve dual overhead cam design	4-valve dual overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design
Exhaust	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
Oil Injection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Counter Rotation	Available	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4, 5, 6, 15, 25, 40 and 75 4-stroke models might be available as Bodensee stage 1/SAV1 certified.
Please check availability with your dealer.

For more information on the propeller that is right for you, please see your dealer.

(1) Model offering may vary from one country to another. Please see your local dealer for specific information.
(2) Measured at propshaft in accordance with ICOMIA 28.

(3) Requires rectifier to complete installation manual versions. Standard on 4 Sailpower model.



MERCURY OPTIMAX

25-4					225-200		175-135			115-75		
15 + BIGFOOT	9.9	6	5	4 + SAILPOWER	225 OPTIMAX	200 OPTIMAX	175 OPTIMAX	150 OPTIMAX	135 OPTIMAX	NEW 115 OPTIMAX	NEW 90 OPTIMAX	NEW 75 OPTIMAX
11.2 kW	7.4 kW	4.5 kW	3.68 kW	3.0 kW	167.8 kW	149.1 kW	130.5 kW	111.9 kW	100.7 kW	85.8 kW	67.1 kW	55.9 kW
4500-5500	4500-5500	5000-6000	4500-5500	4500-5500	5000-5750	5000-5750	5250-5750	5250-5750	5000-5600	5000-5750	5000-5750	5000-5750
2	2	1	1	1	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° Vee)	V-6 (60° vee)	V-6 (60° vee)	3 (in-line)	3 (in-line)	3 (in-line)
323 cc	323 cc	123 cc	123 cc	123 cc	3032 cc	3032 cc	2507 cc	2507 cc	2507 cc	1526 cc	1526 cc	1526 cc
59 mm × 59 mm	59 mm × 59 mm	59 mm × 45 mm	59 mm × 45 mm	59 mm × 45 mm	92 mm × 76 mm	92 mm × 76 mm	89 mm × 67 mm	89 mm × 67 mm	89 mm × 67 mm	92 mm × 76 mm	92 mm × 76 mm	92 mm × 76 mm
Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled
CDI w/ electric spark advance	CDI w/ electric spark advance	Capacitor discharge	Capacitor discharge	Capacitor discharge	PCM 038	PCM 038	PCM 038	PCM 038	PCM 038	PCM 038	PCM 038	PCM 038
Manual or Electric (turnkey)	Manual or Electric (turnkey)	Manual	Manual	Manual	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)
2.00:1 BIGFOOT: 2.42:1	2.00:1	2.15:1	2.15:1	2.15:1	1.75:1	1.75:1	1.87:1	1.87:1	2.00:1	2.07:1	2.33:1	2.33:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Tiller or Remote	Tiller or Remote	Tiller	Tiller	Tiller	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote
Manual 6 amp (76 watt) Electric 10 amp (126 watt)	Manual 6 amp (76 watt) Electric 10 amp (126 watt)	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging SAILPOWER: Stan- dard with rectifier	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)	Belt Driven 60 amp (756 watt)
5 & shallow water drive Standard: M, ML (Optional: E, EL)	5 & shallow water drive Standard: M, ML (Optional: EL)	6 & shallow water drive	6 & shallow water drive	6 & shallow water drive	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard
Standard	Standard	Standard	Standard	Integral 1.1 litre	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.
50 kg BIGFOOT: 58 kg	50 kg	25 kg	25 kg	25 kg	225 kg	225 kg	195 kg	195 kg	195 kg	170 kg	163 kg	163 kg
Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm SAILPOWER: Long 508 mm	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm	Long 508 mm
2-valve single overhead cam design	2-valve single overhead cam design	Overhead 2-valve pushrod	Overhead 2-valve pushrod	Overhead 2-valve pushrod	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection
Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
N/A	N/A	N/A	N/A	N/A	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint
N/A	N/A	N/A	N/A	N/A	Available on XL models only	Available on XL models only	N/A	Available on XL models only	Available on XL models only	N/A	N/A	N/A

(4) Dry weight specification is for lightest model and excludes engine oil, rigging hardware and propeller.

(5) Electric start kits available for these engines.

MERCURY TWO-STROKES

	250-150				125-30						
Model ⁽¹⁾	250 SALTWATER EFI	225 EFI/ SALTWATER EFI	200 SALTWATER/ SALTWATER EFI	150 SALTWATER/ SALTWATER EFI	125	115	90	75	60 + BIGFOOT	50	40 3 CYL.
Kilowatts ⁽²⁾	186.4 kW	167.8 kW	149.1 kW	111.9 kW	93.2 kW	85.8 kW	67.1 kW	55.9 kW	44.7 kW	37.3 kW	29.4 kW
Max. RPM at Full Throttle	5000-5800	5000-5800	5000-5600 EFI: 5000-5800	5000-5600 EFI: 5250-5750	4750-5250	4750-5250	5000-5500	4750-5250	5000-5500	5000-5500	5000-5500
Cylinders	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	4 (in-line)	4 (in-line)	3	3	3	3	3
Displacement	3032 cc	3032 cc	2507 cc	2507 cc	1848 cc	1848 cc	1386 cc	1386 cc	966 cc	966 cc	966 cc
Bore / Stroke	92 mm × 76 mm	92 mm × 76 mm	89 mm × 67 mm	89 mm × 67 mm	89 mm × 75 mm	89 mm × 75 mm	89 mm × 75 mm	89 mm × 75 mm	76 mm × 71 mm	76 mm × 71 mm	76 mm × 71 mm
Cooling System	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat
Ignition	PCM 038	PCM 038	Modular CDI EFI: PCM 038	Modular CDI EFI: PCM 038	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI
Starting	Electric (turnkey)	Electric (turnkey)	Electric EFI: Electric (turnkey)	Electric EFI: Electric (turnkey)	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Gear Ratio	1.75:1	1.75:1	1.87:1	1.87:1	2.07:1	2.07:1	2.33:1	2.33:1	1.64:1 BIGFOOT: 2.33:1	1.83:1	1.83:1
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Steering	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote
Alternator System ⁽³⁾	Belt driven 60 amp (756 watt)	Belt driven 60 amp (756 watt)	40 amp (504 watt) EFI: Belt driven 60 amp (756 watt)	40 amp (504 watt) EFI: Belt driven 60 amp (756 watt)	18 amp (227 watt)	18 amp (227 watt)	18 amp (227 watt)	18 amp (227 watt)	16 amp (201 watt)	16 amp (201 watt)	16 amp (201 watt)
Trim Positions	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Gas assist (Power trim optional) BIGFOOT: Power trim standard	Gas assist (Power trim optional)	Power trim standard
Fuel Tank	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard	Standard
Fuel Requirements	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.
Weight ⁽⁴⁾	218 kg	218 kg	184 kg EFI: 193 kg	184 kg EFI: 193 kg	158 kg	158 kg	137 kg	137 kg	100 kg BIGFOOT: 109 kg	93 kg	93 kg
Recommended Boat Transom Height	XL 635 mm	Long 508 mm SALTWATER EFI: XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm	Long 508 mm	Long 508 mm Shaft extension kit available XL 635 mm	Long 508 mm Shaft extension kit available XL 635 mm	Short 381 mm Long 508 mm BIGFOOT: Long 508 mm	Short 381 mm Long 508 mm	Long 508 mm
Induction System	Loop-charged (EFI)	Loop-charged (EFI)	Loop-charged (3 carb) EFI: Loop-charged (EFI)	Loop-charged (3 carb) EFI: Loop-charged (EFI)	Loop-charged (4 carb)	Loop-charged (4 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)
Exhaust	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
Oil Injection	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Counter Rotation	Model available	Available on SALTWATER models only	Available on XL models only	Available on XL models only	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) Model offering may vary from one country to another. Please see your local dealer for specific information.
(2) Measured at propshaft in accordance with ICOMIA 28.

(3) Requires rectifier to complete installation manual versions. Standard on 4 Sailpower model.



MERCURY

TWO-STROKES

			25-2.5									
40 2 CYL.	30 644 cc	30 429 cc	25	20	15	10	8	6	5	4 + SAILPOWER	3.3	2.5
29.4 kW	22.4 kW	22.4 kW	18.6 kW	14.9 kW	11.2 kW	7.4 kW	6.0 kW	4.5 kW	3.68 kW	3.0 kW	2.5 kW	1.9 kW
4500-5500	4500-5500	4800-5500	5000-6000	4500-5500	5000-6000	5000-6000	4500-5500	4000-5000	4000-5000	4500-5500	4500-5500	4200-5200
2	2	2	2	2	2	2	2	2	1	1	1	1
644 cc	644 cc	429 cc	400 cc	400 cc	262 cc	262 cc	210 cc	210 cc	102 cc	102 cc	74.6 cc	74.6 cc
76 mm × 71 mm	76 mm × 71 mm	68 mm × 59 mm	65 mm × 60 mm	65 mm × 60 mm	60 mm × 46 mm	60 mm × 46 mm	54 mm × 45 mm	54 mm × 45 mm	55 mm × 43 mm	55 mm × 43 mm	47 mm × 43 mm	47 mm × 43 mm
Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled	Water cooled	Water cooled	Water cooled
Modular CDI	Modular CDI	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge
Manual or Electric	Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual	Manual ⁽⁵⁾	Manual ⁽⁵⁾	Manual	Manual	Manual	Manual
2.00:1	2.00:1	1.92:1	2.25:1	2.25:1	2.00:1	2.00:1	2.00:1	2.00:1	2.15:1	2.15:1	2.15:1	1.85:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	Forward-neutral	Forward
Tiller std: M, ML Optional: E, EL Remote std: E, EL Optional: M, ML	Remote	Tiller: M, ML Remote: E, EL	Tiller: M, ML Remote: E, EL	Tiller: M, ML Remote: E, EL	Tiller: M, ML Remote: E, EL	Tiller handle	Tiller handle (Remote optional)	Tiller handle (Remote optional)	Tiller handle (360°) (Remote optional)	Tiller handle (360°) (Remote optional) SAILPOWER: Tiller handle (Remote optional)	Tiller handle (360°)	Tiller handle (360°)
Electric: 18 amp (227 watt) Manual: 10 amp (126 watt)	18 amp (227 watt)	6 amp (80 watt)	Standard: E, EL, ML Optional: M 6 amp (76 watt)	Standard: E, EL, ML Optional: M 6 amp (76 watt)	Standard: E, EL, ML Optional: M 6 amp (76 watt)	Standard: ML Optional: M 6 amp (76 watt)	Optional 6 amp (76 watt)	Standard: ML Optional: M 6 amp (76 watt)	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging SAILPOWER: Stan- dard with rectifier	N/A	N/A
5 and shallow water drive (Power trim optional)	5 and shallow water drive (Power trim optional)	6	5 and shallow water drive Standard: M, ML (Optional: E, EL)	5 and shallow water drive Standard: M, ML (Optional: E, EL)	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	6 and shallow water drive	6 and shallow water drive	4	4
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard + Integral 2.5 litres	Integral 2.5 litres	Integral 1.4 litre	Integral 1.4 litre
Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.
75 kg	80 kg	51 kg	52 kg	52 kg	35 kg	35 kg	33 kg	33 kg	20 kg	20 kg SAILPOWER: 21 kg	13 kg	13 kg
Short 381 mm Long 508 mm	Long 508 mm	Short 435 mm Long 562 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm. Shaft extension kit available	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm SAILPOWER: Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm
Loop-charged (1 carb)	Loop-charged (1 carb)	Cross flow (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)
Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Above prop	Above prop
Electric: standard Manual: N/A	Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(4) Dry weight specification is for lightest model and excludes engine oil, rigging hardware and propeller.

(5) Electric start kits available for these engines.

Total System For Total Control



Mercury wanted to give you absolute control whenever you're on the water. The result is SmartCraft, the world's most advanced marine control system.

SmartCraft is a totally integrated system for providing engine, boat and environmental information to give you safety and unfailing confidence. It is available with Mercury OptiMax and mid-range four-stroke EFI engines.

It processes the wealth of data provided by the electronic control module, making it available on screen or on gauges. The digital data link between the engine and gauges automatically allows for performance and condition readouts, gives audible warnings and makes engine adjustments if necessary.

SmartCraft is a total boating system for total boating control. Look for the SmartCraft diamond.



It is available with Mercury OptiMax, mid-range four-stroke EFI and V6 EFI two-stroke engines.





SmartCraft Features



SmartCraft Displays & Gauges

Information is available at the touch of a button, without having to read multiple gauges. It's simple, direct and accurate.



Performance On Command

The panel-mounted DTS system gives you instant throttle response and smooth, precise gear shifting. There is an optional foot throttle.



With Control

SmartCraft means there's no guesswork, no estimating. Everything you need to know is at hand.



With Safety

Engine Guardian monitors critical engine sensors for any indication of problems and automatically takes action to avoid engine damage.



With Precision

Fuel Management System monitors and calculates fuel level, fuel flow, consumption and travel range.



With Consistency

TrollControl maintains constant speed once you set your desired rpm, right down to 550rpm.



With Smoothness

Digital Throttle & Shift (DTS) is the most advanced system of its kind ever devised, delivering the smoothest of gear shifting, with safety and reliability.

Choosing The Best For The Best Keeping Your Engine Running As Factory New

When you own one of the best marine engines in the world you want to be sure you're maintaining it with the best parts and accessories available. Quicksilver's premium line of engine parts, accessories, oils, lubricants and engine-care items have been designed to offer maximum protection for your engine and to help you make the most of your boating time. Quicksilver products are available from every Mercury service dealer.

Specially Formulated Oils

Quicksilver oils and lubricants have been formulated specially for use with your Mercury engine, keeping it running smoothly, clean and trouble-free.



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Mercury, together with its Quicksilver parts and accessories division, is the largest manufacturer of propellers in the world. This pre-eminence has been achieved through long-term product performance and quality. Stainless steel and aluminium, extra-special or for everyday use, there are value-for-money props available for your engine.

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